Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

AEE, YSTSD

No. **1st & Final bill**

YNK-DBR No. 131
Date 13.11.2020

(For Other Works)

SBR No: 92/20-21
Date: 4/11/2020

Division: Yelahanka Sub Division: Yelahanka Satellite Town
Bill Received No. Dated Cash Book Voucher No dated
Scheduled Docket No.

Name of Work: Name of Work: Improvements to Cross roads at Escorts Colony Engineering layout Vidyanikethan school road in ward no 03.

Job Code No: 003-20-000257 P-3726 **Est. cost: 20.00 lakhs**

Name of Contractor and Full Address : Sri. R. Rangaswamy, Bangalore.

Work Order No: **BBMP/EE/YNK.D/EPMT-01/W.O/ 39 /2020-21,** **Dated : 16-06-2020**

Certified that the measurements were taken by me on 3.10.2020 and recorded in pages 493513 to 493523/2 of measurement Book No 4936/2019-20 and that the work is satisfactorily executed

Contractor R Rangaswamy

Officer-in-charge of Work 3.10.2020

Certified that the measurements were taken by me on 03/10/2020 and found correct. The work is satisfactorily executed

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ Sub Division ಕಛೇರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

If Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being percent Rs
3) Deduct amount to be held in Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No Dated S D No
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the office Cash Book Voucher No date less adjustments
7) Net amount due to or from contractor

Unadjusted items

8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt = Rs	2039961=00
PSD = Rs	101998=00
Contractors = Rs	500=00
CGST = Rs	18214=00
SGST = Rs	18214=00
IT = Rs	20340=00
LC = Rs	20340=00
CBF = Rs	2040=00
Security = Rs	21842=00
D. = Rs	203488=00
	1836473/-

Contractor's Signature R Rangaswamy

Received Rs (in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated Signature of Contractor R Rangaswamy

(For use in the Office)

Audited & Admitted for Rs 2039961/-

1836473/- by Cheque
and Rs 203488/- by adjustment

Acct's Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

Paid by me by cheque No Dated

Cash Rs Dated

Initials of Officer Making Payment

Executive Engineer

Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm	23.63	114.64	2709.00	-	-	23.25	114.64	2666.00	23.25	2666.00
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum	12.60	221.74	2794.00	-	-	11.48	221.74	2547.00	11.48	2547.00
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	5.12	5584.58	28594.00	-	-	5.10	5584.58	28457.00	5.10	28457.00
4	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos	284.00	445.45	126508.00	-	-	284.00	445.45	126508.00	284.00	126508.00
5	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	89.60	87.34	7826.00	-	-	87.24	87.34	7620.00	87.24	7620.00
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick	Sqm	26.25	764.26	20062.00	-	-	26.24	764.26	20051.00	26.24	20051.00
7	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	426.18	65.86	28069.00	-	-	423.87	65.86	27917.00	423.87	27917.00
8	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per	Sqm	962.80	6.55	6307.00			790.04	6.55	5175.00	790.04	5175.00
9	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications	Cum	162.42	2054.77	333736.00	-	-	162.33	2054.77	333557.00	162.33	333557.00
10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	216.56	2061.32	446400.00	-	-	216.44	2061.32	446161.00	216.44	446161.00

						Measurement						
11	KSRRB MS00-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	1082.80	29.48	31921.00	-	-	1082.22	29.48	31904.00	1082.22	31904.00
12	KSRRB MS00-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	54.14	6795.36	367901.00	-	-	54.11	6795.36	367704.00	54.11	367704.00
13	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	1562.80	13.10	20473.00	-	-	1561.62	13.10	20458.00	1561.62	20458.00
14	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	46.88	7986.52	374409.00	-	-	46.85	7986.52	374158.00	46.85	374158.00
15	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	56.60	468.38	26511.00	-	-	56.60	468.38	26511.00	56.60	26511.00
	Total				1824220.00					1821394.00		1821394.00
	GST 12%				218906.40					218567.28		218567.28
	Grand Total				2043126.40					2039961.28		2039961.28

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Contractor

Assistant Engineer

13/10/2020

13/10/2020

Asst. Executive Engineer